

PROJECT DESCRIPTION GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING SIGNAL AT THE INTERSECTION OF MD 24 AND THE NORTHBOUND I-95 OFF-RAMP (RAMP A1) DURING THE MAINTENANCE OF TRAFFIC FOR STAGE 2. THE EXISTING SIGNAL IS MODIFIED BY INSTALLING A SPAN WIRE ACROSS THE EXISTING MAST ARM STRUCTURES, AND INSTALLING NEW SIGNAL HEADS, WIRED TO THE EXISTING CONTROLLER AT THE INTERSECTION IN HARFORD COUNTY.

INTERSECTION OPERATION

THE EXISTING BASE MOUNTED CABINET SHALL BE USED FOR THIS INTERSECTION. THE INTERSECTION SHALL OPERATE IN A SEMI-ACTUATED MODE USING 4 NEMA PHASES.

SPECIAL NOTES

- THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 321-2781
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761
MR. MICHAEL PASQUARIELLO, UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS CHIEF
PHONE: (410) 787-7650
MR. EUGENE BAILEY, SIGN OPERATIONS MANAGER
PHONE: (410) 787-7676

MS. ROXANE MUKAI, TRAFFIC MANAGER
MARYLAND TRANSPORTATION AUTHORITY
PHONE: (410) 537-7848

EQUIPMENT LIST

- EQUIPMENT TO BE SUPPLIED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
973023	SHEET ALUMINUM SIGNS CONSISTING OF: R3-1 (30"x30") SPAN WIRE MOUNT R3-2 (30"x30") SPAN WIRE MOUNT R3-5(L) (30"x36") SPAN WIRE MOUNT R3-6(L) (30"x36") SPAN WIRE MOUNT R10-11b (24"x24") SPAN WIRE MOUNT	EA EA EA EA EA	1 1 1 1 1

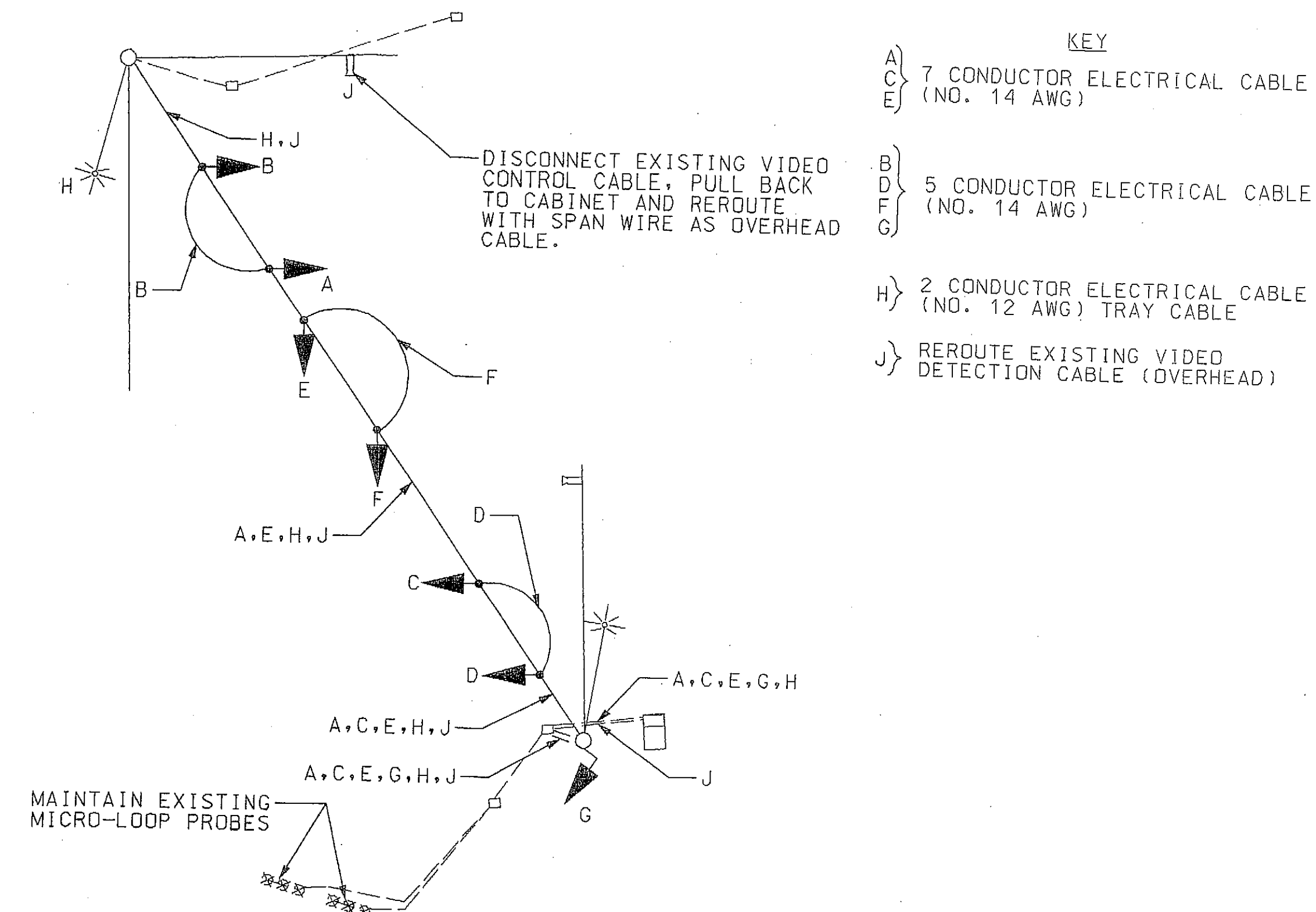
- EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
114245	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS	LF	60
800000	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT	LS	1
800000	BACK GUY ANCHOR ASSEMBLY	EA	2
805050	REROUTE EXISTING VIDEO DETECTION CABLE (OVERHEAD)	LF	300
805140	WEATHER HEAD, 3 INCH	EA	2
813015	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	LF	10
860284	INSTALL OVERHEAD SIGN	SF	32
861107	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION	EA	23
861108	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	125
861116	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	450
869101	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG)	LF	240
869102	STEEL SPAN WIRE - 1/4 INCH DIAMETER	LF	160
	STEEL SPAN WIRE - 3/8 INCH DIAMETER	LF	160

- EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLY DRIVE, HANOVER, MARYLAND 21076.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
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WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7
	R	R	R	R	R	R	R
	Y	Y	Y	Y	Y	Y	Y
	G	G	G	G	G	G	G
PHASE 2 AND 5	R	R	G	G	R	R	R
2 AND 5 CHANGE	R	R	G	G	R	R	R
PHASE 2 AND 6	G	G	G	G	R	R	R
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R
PHASE 4	R	R	R	R	G	G	G
4 CHANGE	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R

MOT STAGE :2



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AT NORTHBOUND I-95 OFF-RAMP (RAMP A1)
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

REVISIONS

REPLACE SHEET	APR. 07
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GENERAL INFORMATION SHEET

SCALE N.T.S. DATE APRIL 2007 CONTRACT NO. KH-271-000-002(R)

DESIGNED BY A.M./S.D./A.G. COUNTY HARFORD
DRAWN BY M. BAFFLE LOGMILE 12002403.47
CHECKED BY K. FINKER TMS NO. H 810
FAP NO. NONE TOD NO.

TS NO. 3618C DRAWING PSG OF N008 SHEET NO. 457 OF 597

SABRA, WANG & ASSOCIATES, INC.
1604 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6584
WWW.SABRA-WANG.COM

PLOTTED: Thursday, April 05, 2007 AT 10:24 AM
FILE: R:\2003\31 MDTA 2003-01 prel_eng K21Task 01 MD24 J-95(Dwg)\Signal\Addendum No. 1\pSG-N008_MD24.dgn